

**From:** [Bernier, Roberto](#)  
**To:** [Leonova, Larisa](#)  
**Subject:** Re: Isobutylene risk added to scenario and updated temps  
**Date:** Friday, September 1, 2017 11:07:04 PM

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The remaining trailers are the farthest away from SO2

Sent from my iPhone

On Sep 1, 2017, at 11:00 PM, Leonova, Larisa <[leonova.larisa@epa.gov](mailto:leonova.larisa@epa.gov)> wrote:

Also, this proximity to peroxides - highly oxidizing materials may greatly increase flammability and ignite all surrounding. How far is SO2 container from them? We may be facing significant possibility of chain reaction in fires/explosions on site

Sent from my iPhone

On Sep 1, 2017, at 9:23 PM, Bernier, Roberto <[bernier.roberto@epa.gov](mailto:bernier.roberto@epa.gov)> wrote:

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**From:** Leonova, Larisa  
**Sent:** Friday, September 01, 2017 6:32 PM  
**To:** Bernier, Roberto <[bernier.roberto@epa.gov](mailto:bernier.roberto@epa.gov)>; Smalley, Bryant <[smalley.bryant@epa.gov](mailto:smalley.bryant@epa.gov)>; Foster, Althea <[Foster.Althea@epa.gov](mailto:Foster.Althea@epa.gov)>  
**Cc:** McAteer, Mike <[mcateer.mike@epa.gov](mailto:mcateer.mike@epa.gov)>  
**Subject:** RE: Isobutylene risk added to scenario and updated temps

Do you have updated reefer temperature graphs ( after 12:00 today).  
Please e-mailed to me.

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**From:** Bernier, Roberto  
**Sent:** Friday, September 01, 2017 11:53 AM  
**To:** Smalley, Bryant <[smalley.bryant@epa.gov](mailto:smalley.bryant@epa.gov)>; Foster, Althea <[Foster.Althea@epa.gov](mailto:Foster.Althea@epa.gov)>  
**Cc:** Leonova, Larisa <[leonova.larisa@epa.gov](mailto:leonova.larisa@epa.gov)>; McAteer, Mike <[mcateer.mike@epa.gov](mailto:mcateer.mike@epa.gov)>  
**Subject:** Isobutylene risk added to scenario and updated temps

FYI, there's a new risk for a 38K lbs tank of Isobutylene that is relatively close to the north trailers by about 100 ft that can be affected by radiant heat. I asked Larisa to include on IMAAC. Risk is rapid combustion/explo. RMP scenario of less than .5 mile is minimal when using a way higher volume.

Also, trailer temps are slightly rising due to day's heat.

<Reefer Temp Data-9-01 pm.xlsx>